

Maryland Historical Trust

Maryland Inventory of Historic Properties number: MD: 25-25

Name: M-015/GLENDA OVER PINNEY BRANCH

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended _____	Eligibility Not Recommended <u>X</u>
Criteria: <u> </u> A <u> </u> B <u> </u> C <u> </u> D Considerations: <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None	
Comments: _____ _____ _____	
Reviewer, OPS: <u>Anne E. Bruder</u>	Date: <u>3 April 2001</u>
Reviewer, NR Program: <u>Peter E. Kurtze</u>	Date: <u>3 April 2001</u>

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MARYLAND INVENTORY OF HISTORIC PROPERTIES
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION
MARYLAND HISTORICAL TRUST

MHT NO. M:25-25

NAME AND SHA NO.: M-015

LOCATION

Road Name and Number: Glen Road over Piney Branch

City/Town: Rockville ☒ vicinity

County: Montgomery

Ownership: ☐ State ☒ County ☐ Municipal ☐ Other

Bridge projects over: ☐ Road ☐ Railway ☒ Water ☐ Land

Is bridge located within designated district?: ☐ yes ☒ no
☐ NR listed district ☐ NR determined eligible district
☐ locally designated ☐ other
Name of District ☐

BRIDGE TYPE

☐ Timber Bridge
☐ Beam Bridge ☐ Truss-Covered ☐ Trestle ☐ Timber-and-Concrete

☐ Stone Arch Bridge

☐ Metal Truss Bridge

☐ Moveable Bridge
☐ Swing ☐ Bascule Single Leaf ☐ Bascule Multiple Leaf
☐ Vertical Lift ☐ Retractable ☐ Pontoon

☐ Metal Girder
☐ Rolled Girder ☐ Rolled Girder Concrete Encased
☐ Plate Girder ☐ Plate Girder Concrete Encased

☐ Metal Suspension

☐ Metal Arch

☐ Metal Cantilever

☒ Concrete
☐ Concrete Arch ☐ Concrete Slab ☒ Concrete Beam ☐ Rigid Frame
☐ Other ☐ Type Name ☐

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DESCRIPTION

Describe the Setting:

Bridge M-015 carries Glen Road over Piney Branch near Rockville in the southwestern portion of Montgomery County. Rolling wooded hills characterize the surrounding countryside and compose part of Maryland's Piedmont physiographic province. Glen Road travels in a principally northwest to southeast manner while Piney Branch flows primarily southward.

Describe the Superstructure and Substructure:

(Discuss points identified in Context Addendum, Section C)

Consisting of a single concrete-beam span 25½ feet long, Bridge M-015 carries two traffic lanes across Piney Branch on its roughly 20-foot wide clear roadway surfaced with macadam. Pipe railings and w-beam guardrails flank the roadway as it crosses the bridge. The guardrails also protect the bridge approaches. Concrete abutments and wing walls support the bridge superstructure.

Inspection records describe the bridge as being in good condition but possessing some deficiencies. Ongoing leaking problems have resulted in efflorescence on the back wall bearings and abutment stems. Some spalling has occurred leaving reinforcing stirrups exposed. Surface cracks with associated efflorescence disfigure the west abutment's backwall as well as the southwest and the northwest wing walls.

A survey of historic concrete beam bridges undertaken by the Maryland State Highway Administration in the Fall of 1995 identified 113 bridges of that type located throughout the state. Slightly more than two-thirds (76) of that total were single-span bridges.

Discuss major alterations:

County inspection records do not describe any major alterations undertaken on Bridge M-015.

HISTORY

When Built: 1940

Why Built: Unknown

Who Built: Unknown

Who Designed: Unknown

Why Altered: Not applicable

Was this bridge built as part of an organized bridge building campaign?: Records do not indicate whether the bridge's construction formed part of an organized building campaign.

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SURVEYOR ANALYSIS

This bridge may have NR significance for association with:

☐ A (Events) ☐ B (Person) ☐ C (Engineering/Architectural Character)

Was this bridge constructed in response to significant events in Maryland or local history?

Research has not revealed any associations between the bridge's construction and significant events contributing to Maryland and/or local history.

When the bridge was built, and/or given a major alteration, did it have a significant impact on the growth and development of the area?

Construction of Bridge M-015 does not appear to have had any significant impact on local development or growth.

Is the bridge located in an area which may be eligible for historic designation, and would the bridge add or detract from the historic and visual character of the possible district?

No, Bridge M-015 is not located in an area potentially eligible for historic designation.

Is the bridge a significant example of its type?

No, this bridge is not a significant example of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum?

Bridge M-015 appears to retain fair integrity of its character defining elements.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer, and why?

County records do not identify the original construction authority, and therefore evaluating the bridge as a significant example of its manufacturer is problematic.

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Should this bridge be given further study before significance analysis is made, and why?

Yes. Further study may identify the original construction body.

BIBLIOGRAPHY

Montgomery County Department of Transportation
Bridge Inspection Reports. On file at 101 Monroe Street, Rockville, MD.

Spero, P.A.C., & Company, and Louis Berger & Associates, Inc.
1994 *Historic Bridges in Maryland: Historic Context Report.* Maryland State Highway
Administration, Baltimore.

State Roads Commission of Maryland
1958 *A History of Road Building in Maryland.* Baltimore.

SURVEYOR INFORMATION

Name: Stuart Paul Dixon
Organization: KCI Technologies, Inc.
Address: 5001 Louise Dr., Suite 201
Mechanicsburg, PA 17055

Date: 13 May 1996
Telephone: (717) 691-1340

Maryland Historic Highway Bridges

Bridge Type Concrete Beam

Map Rockville, E-10

County MONTGOMERY

Bridge # and Name M-15

GLEN ROAD OVER PINEY BRANCH





Inventory # M: 25-25

Name M15 - GLEN RD OVER PINEY BRANCH

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description WEST APPROACH

Number ¹33 of ⁵36



Inventory # M:25-25

Name MIS- GLEN RD OVER PINEY BRANCH

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING NORTH

Number 2 of 5



Inventory # M: 25-25

Name M15 - GLENROOVER PINEY BRANCH

County/State MONTGOMERY | MO

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description ELEVATION LOOKING SOUTH

Number 3 of 5
~~35~~ ~~36~~



Inventory # M:25-25

Name MIS - GLEN RD OVER PINEY BRANCH

County/State MONTGOMERY MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHA

Description EAST APPROACH

Number ⁴~~26~~ of ⁵~~30~~



Inventory # M: 25-25

Name M15 - GLEN RD OVER PINEY BRANCH

County/State MONTGOMERY / MD

Name of Photographer FRANK JULIANO

Date 2/95

Location of Negative SHR

Description EAST APPROACH

Number 5 ²~~8~~ of 36 ⁵